

DUR-A-CHIP

DESCRIPTION

DUR-A-CHIP SEAMLESS FLOORING is a decorative, “poured in place” flooring system consisting of liquid polymers and color-fast decorative chips. DUR-A-CHIP incorporates DUR-A-GARD for the base coat and is grout coated with DUR-A-GLAZE #4 and top coated with ARMOR TOP. DUR-A-CHIP is designed to provide a terrazzo-like appearance. In addition to its seamless cleanability, it requires no waxing. Surface finish can be smooth or slip resistant.

BENEFITS

- Easy Installation
- Low Odor
- Meets USDA, FDA, OSHA standards
- Easy To Use
- Good Abrasion Resistance
- Easy Maintenance

COLORS

DUR-A-CHIP is available in MACRO or MICRO decorative chips. The MACRO and MICRO chips are available in standard and custom multi-color pre-blends. Please refer to the [MACRO](#) and [MICRO](#) Chip Color Selector Chart.

TYPICAL USES

- | | |
|----------------|---------------------|
| • Laboratories | • Pharmaceuticals |
| • Hospitals | • Clean Rooms |
| • Rest Rooms | • Halls / Corridors |
| • Lobbies | • Retail |
| • Concourse | • Dining Areas |
| • Schools | • Supermarkets |

SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be profiled clean, sound, and dry. Please refer to the master “[Surface Preparation Guide](#)” for more information.

APPLICATION METHOD

See the DUR-A-CHIP [application instruction](#) sheet for complete instructions.

LIMITATIONS

This product is best suited for application in temperatures between 60°F and 90°F. Substrate must be clean, sound, and dry.

PACKAGING

DUR-A-GARD and DUR-A-GLAZE #4 are available in 5-gallon pails and 50-gallon drums. ARMOR TOP is available as kits. DUR-A-CHIP is available in 10 lb or in 55 lb boxes.

CHEMICAL RESISTANCE

This product is resistant to most common chemicals. Please refer to master “[Chemical Resistance Chart](#)” for actual resistance to specific chemicals/reagents.

JOINT GUIDELINES

Refer to the [Joint Guidelines](#) for complete details on our website.

“Warranties: Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. Seller makes no other warranty, express or implied, and all implied warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Seller shall not be liable for prospective profits or special indirect or consequential damages. Seller’s sole liability and buyer’s exclusive remedy for breach of any warranty as expressly limited, at seller’s option, to replacement at the original F.O.B. point or refund of purchase price. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product.”

DUR-A-CHIP

TECHNICAL INFORMATION

Salt Spray Resistance, 25% solution at 90°F	No effect after 100 hours	
Toxicity	Non-toxic, meets USDA requirements	
Physical Property	Test Method	Result
Hardness, Shore D	ASTM D-2240	75 – 80
Water Absorption	ASTM D-570	0.04%
Flammability	ASTM D-635	Self extinguishing
Flame Spread / NFPA-101	ASTM E-84	Class A
Tensile Strength	ASTM D-638	3,700 psi
Flexural Strength	ASTM D-790	4,700 psi
Compressive Strength	ASTM D-695	16,000 psi
Izod Impact (ft. Lb./in. notch)	ASTM D-256	0.50
Bond Strength to Concrete	ASTM D- 4541	400 psi substrate fails
Elevated Temperature	MIL D-3134	No slip or flow
Thermal Shock, 50 cycles of immersion in Chilled & boiling water	MIL F-52505	No cracking or loss of adhesion
UV Resistance	MIL F-52505	No chalking or loss of adhesion
Abrasion Resistance, CS-17 Wheel, Wgt. Loss, 1000 gm. Load, 1000 cycles	ASTM D-4060	24 mg.loss
VOC Content		0 g/l

GUIDE SPECIFICATIONS

This product is part of the DUR-A-FLEX family of polymer systems. Please contact DUR-A-FLEX for complete three part guide specs.

CLEANING

This product is considered to be a low maintenance flooring solution; however, certain textures and service environments require specific procedures. Please refer to the master “**Cleaning Guide**”.

MOISTURE CONCERNS

Please refer to the [Floor Evaluation Flow Chart](#) in the Contractor’s Center of our website for a step-by-step process to determine the condition of the concrete.

DRAWINGS AND DETAILS

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please contact DUR-A-FLEX for actual drawings.

CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN. Before using any Dur-A-Flex, Inc. product, be sure the Material Safety Data Sheet is read and understood.

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